Index of Claims

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 09/556,491      | MOORE ET AL. |  |
| Examiner        | Art Unit     |  |
| David B. Thomas | 3723         |  |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| [- | (Through numeral)<br>Cancelled |
|----|--------------------------------|
| ÷  | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | im  |                 |                    | Date                   |  |           | Cla   | aim      |              |                 | D               | ate   |  | -1             | Cla   | aim        |               |  | D        | ate      |          |         |                      |
|--|---|-----------------|--------------------|------------------------|--|-----------|-------|----------|--------------|-----------------|-----------------|---|--|----------------|-------|------------|---------------|--|----------|----------|----------|---------|----------------------|
|  |   |                 |                    |                        |  | 7         |       | -        | 2            |                 |                 |   |  | 145            |       | ᆲ          |               | П  |          | Т        | T        |         |                      |
| Final  | Original  | 3/28/05         |                    |                        |  | 6         | Final | Original | 3/28/05      |                 | .               |   |  | 4              | Final | Original   |               |  |          |          |          |         |                      |
| 급  | Ę   | 3/2             |                    |                        |  | dia.      | 证     | Ĕ        | 3/2          |                 |                 |   |  |                | ΙĪ    | Ĕ          |               |  |          |          |          | 1       |                      |
|  |   |                 |                    |                        | $\perp \perp \downarrow \downarrow$              |           |       |          |              |                 | Ш               |   |  |                |       |            |               | Ш  | 4        | 4        |          | $\perp$ | $\perp \!\!\! \perp$ |
|  | X   | Ш               |                    |                        | $\bot\bot\bot$                                   |           |       | 75       |              |                 |                 |   | 1-1-   |                |       | 101        |               | $\sqcup$   | 4        | 4        | _        | _       | $\bot$               |
|  | 2   |                 |                    |                        | $\perp \perp \perp$                              |           |       | 52       | Ц            | $\perp$         |                 |   | 4-4-   |                |       | 102        |               | $\sqcup$   | 4        | 4        | 4        | 4       | $\bot$               |
|  | 3   |                 |                    |                        |  |           | 10    | 53       | 引            |                 | $\perp$         |   |  |                |       | 103        |               | $\perp \perp$                                    | 4        | -        | $\perp$  |         |                      |
|  | 4   |                 |                    |                        |  |           | 11    | 54       | Щ            |                 | $\perp$         |   | + +  |                |       | 104        |               | $\vdash$   | _        | 4        | 4        | 4       | $\bot$               |
|  | 5   |                 |                    |                        | $\bot$   | _         | 12    | 55       | Ш            |                 |                 | -   | +  |                |       | 105        |               | $\vdash$   | 4        | 4        |          | +       | +                    |
|  | 6   | Ш               |                    | $\longrightarrow$      | +++  | 435       | 13    | 56       | Ш            |                 | $\dashv$        |   |  |                |       | 106        |               | $\vdash$   | -        | 4        | +        | +       | +                    |
|  |   | Ш               |                    |                        | +  | <b>-</b>  | 14    | 57       | Ш            | -               | $\vdash$        |   |  |                |       | 107        |               | $\vdash$   | -+       | 4        | +        | _       |                      |
|  |   |                 |                    |                        | +++  | - "       | 16    | 58       | Ш            | -               | $\vdash$        | -   -   |  |                |       | 108        |               | <b>├</b>   | +        | $\dashv$ | +        | +       | +                    |
|  | 9   |                 | _                  |                        |  | _         | 8_    | 59       | $\mathbb{H}$ | $\perp$         | $\vdash$        |   | ++-  |                |       | 109        |               | ₩  | +        | +        |          | +       | +                    |
| $\vdash \vdash \vdash$                           | 10  | Н               | $\dashv$           |                        |  |           | 4     | 60       | +            | -               | $\vdash \vdash$ | ++  |  | EPG.           |       | 110        | +             | ╁╌┼  | +        | +        | +        | +       | +                    |
| $\vdash \vdash \vdash$                           | 11  |                 | $ \vdash$ $\vdash$ | $\Box$                 |  |           | 17    | 61       | $\mathbb{H}$ | +               | $\vdash \vdash$ | ++  | ++-  |                |       | 111        |               | ┥  | +        | +        | +        | +       |                      |
| <del>                                     </del> | 12  |                 |                    | $\vdash \vdash \vdash$ |  |           | 18    | 62       | $\mathbb{H}$ | $\dashv$        | $\vdash$        | +   | ++   | M)             |       | 112<br>113 | -             | $\vdash$   | +        | +        | +        | +       | +                    |
| $\vdash$   | 13  |                 |                    | $\vdash\vdash$         |  |           | 9     | 63       | H            |                 | $\vdash$        |   | ++-  |                |       |            |               | ╁  | +        | +        | +        | +       | +                    |
| $\vdash \vdash \vdash$                           | 14  | $\vdash \vdash$ |                    | <del></del>            | <del></del>                                      | -[. 1     | 19    | 64       | ╁            | -               | $\vdash$        | ++  | ++   |                |       | 114<br>115 | +             | $\vdash$   | +        | +        | +        | +       |                      |
| $\vdash \vdash \vdash$                           | 15  | $\vdash$        |                    | $\vdash \vdash \vdash$ | +++  |           | 15    | 65       | -            | $\dashv$        | $\vdash \vdash$ |   | ++-  |                |       | 116        |               | $\vdash$   | +        | +        | +        | +       | +                    |
|  | 16  | Н               |                    |                        | +++  |           |       | 66       | $\dashv$     | +               | $\vdash \vdash$ |   | +  | mý.            | -     | 116        |               | ╁┼   | +        | +        | +        | +       | +                    |
| $\vdash$   | 17  | $\vdash$        |                    |                        | <del></del>                                      |           |       | 67<br>68 | $\vdash$     | $\dashv$        | $\vdash$        | +   | ++-  |                |       | 118        | +             | ++   | +        | +        |          | +       | $\dashv\dashv$       |
|  | 18  |                 |                    | ++                     | +  | $\dashv$  |       |          | $\dashv$     |                 | $\vdash$        |   | ++   |                |       |            |               | ₩  | +        | $\dashv$ | +        | +       | +                    |
|  | 19  | Н               | _                  |                        | +++  | -45.      |       | 69       | -            | +               | $\vdash$        |   | +  |                |       | 119<br>120 | -             | $\vdash$   | -        | +        | -        | +       | +                    |
| $\vdash$   | 20  | $\vdash$        |                    |                        |  |           |       | 70<br>71 | -            |                 | $\vdash$        |   | ++   |                |       |            | +             | $\vdash$   | +        | $\dashv$ | +        | +       | +                    |
| $\vdash \vdash$                                  | 41  | -               |                    |                        | +++  |           |       |          | -            | 44              | -+              | ++  | ++-  |                |       | 121<br>122 | _             | ╂┷┼  | +        | +        | +        | +       | +                    |
| $\vdash$   | #   |                 | -                  |                        | +++  |           |       | 72       | $\dashv$     | +               | $\dashv$        |   |  | - 4            |       | 123        |               | $\vdash$   | -        | +        | +        | +       | +                    |
| <b> </b>   | 21<br>22<br>23<br>24<br>25<br>26<br>27            | Н               | $\dashv$           |                        | <del></del>                                      |           |       | 73<br>74 | $\dashv$     |                 |                 | +   |  | 64             |       | 124        | +             | ╁  | +        | +        | +        | +       | +                    |
| $\vdash$   | 24  | $\vdash$        | -                  |                        | +++  | -         |       | 75       | $\dashv$     | $\dashv$        | -+              | ++  | ++   |                |       | 125        | +             | ╄┈┼  | +        | +        | +        | +       | +                    |
| -  | 40  | $\vdash$        | +                  |                        | +++  |           |       | 76       | $\dashv$     | +               | -+              |   | +  |                | -     | 126        | +             | $\vdash$   | +        | +        | -+       | +       | + $+$                |
| -  | 40  | H               | <del></del>        |                        | +++  |           | -     | 77       | $\dashv$     | -               | -+              | +   | ++-  | 21             |       | 127        | +             | +  | +        | +        | +        | ╁       | +                    |
| $\vdash$   | 70  | $\vdash$        |                    |                        | <del>-   -   -  </del>                           |           |       | 78       | $\dashv$     | $\dashv$        | $\dashv$        | +   | + +  |                |       | 128        | +             | <del>                                     </del> |          | +        | +        | +       | +                    |
| $\vdash$   | 20  | H               | -                  | <del>-   -   -</del>   | +++  |           |       | 79       | $\dashv$     | +               | $\dashv$        |   | +  |                |       | 129        |               | + +  | ╁        | +        | +        | +       | +                    |
|  | 28<br>29<br>30                                    | $\vdash$        | +                  | ++                     | <del></del>                                      | -1::1     |       | 80       | +            | +               |                 | ++  | + +  | 65. j<br>164 š |       | 130        | +             | +  | +        | 十        | +        | +       | +                    |
| -  | 31  | ₩               |                    | ++                     | <del></del>                                      | -11       |       | 81       |              | $\dashv$        | -               | ++  | +  |                |       | 131        |               | $\vdash$   | +        | ╅        | +        | +       | +1                   |
|  | 32  | $\vdash$        | +                  | <del>     </del>       | <del>       </del>                               |           |       | 82       | $\forall$    | +               |                 | ++  | +  |                |       | 132        | _             | $\vdash$   | $\dashv$ | $\dashv$ | +        | +       | +1                   |
| $\vdash$   | 343   | $\vdash$        | $\dashv \dashv$    | ++                     | <del>- - -</del>                                 |           |       | 83       | -            | $\dashv$        | $\dashv$        | ++  | ++-  |                |       | 133        | _             | 1  | $\dashv$ | $\top$   | +        | +       | +                    |
| $\vdash \vdash \vdash$                           | 34  | $\vdash$        | $\dashv \dashv$    | $\vdash$               | <del>                                     </del> | $\dashv$  |       | 84       | $\vdash$     | $\dashv$        | +               | ++  | ++   |                |       | 134        | $\dashv$      | 1 1  | $\dashv$ | 十        | $\dashv$ | +       | +                    |
| $\vdash$   | 33 34<br>35 35 35 35 35 35 35 35 35 35 35 35 35 3 | $\vdash$        | $\top$             |                        | <del>       </del>                               |           |       | 85       |              | $\Box$          | $\neg$          | +   | 1-1-   |                |       | 135        | $\dashv$      |  | $\top$   | $\dashv$ | +        | $\top$  | $\top$               |
| 1  | 36  | Ŧ               | $\dashv \dashv$    | $\vdash$               | <del>       </del>                               |           |       | 86       |              | $\top$          | -               | ++  | <del>                                     </del> |                |       | 136        | $\dashv$      | 11   | 十        | 十        | $\top$   | $\top$  | ᅦ                    |
| 2  | 37  | Ш               | $\top$             | $\vdash$               | <del>       </del>                               | $\exists$ |       | 87       |              | $\dashv \dashv$ | $\dashv$        | +   | +  | 能畫             |       | 137        | <u> </u>      | 1 1  | $\top$   | 十        | $\top$   | 十       | 77                   |
| 3  | 38  | =               | $\dashv \dashv$    |                        | <del>       </del>                               |           |       | 88       | $\dashv$     | $\top$          |                 | <del>                                      </del> | 1-1-   |                |       | 138        | $\dashv$      | 1 1  | $\top$   | $\top$   | $\top$   | 十       | $\top$               |
|  | 39  | $\Box$          |                    |                        | 1-1-1  |           |       | 89       | $\Box$       | $\neg \neg$     | $\neg$          | $\top$  | $\top$   |                |       | 139        | $\dashv$      | T  | 7        | $\top$   | $\top$   | $\top$  | $\top$               |
| 5  | 40  | Ŧ               |                    |                        | <del>       </del>                               | 7 1       |       | 90       | $\Box$       | _               | $\vdash$        | $\top$  |  |                |       | 140        | 十             |  | _        | $\top$   | $\top$   | $\top$  | $\top$               |
| 6  | 41  | П               | $\Box$             |                        | <del>       </del>                               |           |       | 91       |              | $\top$          | $\neg$          |   | 1  |                |       | 141        | $\neg \vdash$ | $\sqcap$   | $\dashv$ | $\neg$   | $\top$   | 十       | $\dashv \dashv$      |
| 7  | 42  | 1               |                    |                        | <del>       </del>                               |           |       | 92       |              | $\neg \neg$     | $\dashv$        | $\neg \neg$                                       | <del>                                     </del> |                |       | 142        | $\top$        | $\sqcap \uparrow$                                | $\neg$   | ┪        |          | 十       | $\top$               |
|  | 374<br>45<br>46                                   | П               | $\Box$             |                        | <del>       </del>                               | 7         |       | 93       |              | $\neg \neg$     | $\neg$          | $\neg \vdash$                                     | 7 7  |                |       | 143        |               |  |          |          |          | $\top$  | $\top$               |
|  | 44  | П               | $\sqcap$           |                        | $\top$   | 7         |       | 94       |              |                 |                 | $\neg \uparrow \uparrow$                          | $\top$   |                |       | 144        |               | $\Box$   | T        |          | $\top$   | $\top$  | $\top$               |
| $\Box$   | 45  | П               | $\neg \neg$        |                        | 111  | - Par     |       | 95       | $\neg$       |                 | $\Box$          |   |  |                |       | 145        |               |  | $\top$   | $\top$   |          | $\top$  | $\top$               |
|  | 46  | П               |                    |                        |  | 7         |       | 96       |              |                 |                 | 11  | 7 1  |                |       | 146        |               |  | $\top$   | $\neg$   |          | 十       | $\top$               |
|  | 47  |                 | $\neg \neg$        |                        |  |           |       | 97       |              |                 |                 |   |  | 5              |       | 147        |               |  |          |          |          | 十       | $\top$               |
|  | 48  |                 | $\neg \neg \neg$   |                        | $\top \top \top$                                 | 7         |       | 98       |              | $\neg \neg$     | $\neg$          |   |  | 1              |       | 148        |               |  | $\top$   | $\neg$   | $\neg$   | 十       | $\top$               |
|  | 49<br>58  | $\Box$          |                    |                        | $\top$   | J         |       | 99       |              | $\Box$          |                 |   |  |                |       | 149        |               |  |          |          | T        | $\top$  | $\top$               |
|  | 58  |                 |                    |                        |  | <u> </u>  |       | 100      |              |                 |                 |   |  |                |       | 150        |               | П  | T        | T        | T        | T       | $\top$               |